REGIONAL ANIMAL HEALTH SURVEILLANCE: BEST PRACTICE AND RECENT INNOVATIONS

ISVEE 15 POST-CONFERENCE WORKSHOP
17–19 NOVEMBER 2018 (3 DAYS)

Background

Animal health surveillance at the regional level is an essential component of health security, food security and trade. It is critical for the early detection and coordinated response to disease outbreaks, and it underpins safe international trade in animals and animal products.

And yet…accurate, timely and suitably detailed information about disease occurrence is seldom available at the regional level. The reasons for this are complex: they include poorly functioning surveillance systems at the local and national level, and a lack of integration of surveillance data from multiple sources. Often, the potential benefits of surveillance at the regional level are not felt by the people who provide and use data at the local level

Workshop Overview

This three-day workshop will provide fresh, exciting and inspiring ideas about how regional animal health can be strengthened in a pragmatic and sustainable way. We will identify the needs for surveillance information at various levels (from local to regional) and current constraints to disease reporting, data management and information use. In addition to economic, epidemiological and policy perspectives on animal health surveillance, we will explore new opportunities provided by technology and a greater understanding of what motivates people to participate in disease surveillance. Principles and 'best practice' will be demonstrated with real-world examples.

Registration & Contact Details:

You can register through the conference website: http://isvee.net/scientific-information/pre-post-symposium-workshop/

If you'd like to know more, please contact Jonathan Happold by email: jonathan@ausvet.com.au

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Workshop Learning Outcomes

By the end of the workshop, participants will have a good understanding of the:

- principles of animal health information management
- motivations and barriers for sharing information for early warning and disease control at the regional level
- opportunities offered by recent advances in technology
- sociology of surveillance and keys to building a sustainable national system
- opportunities for regional data sharing
- relationships between national, regional and global animal health information systems.

Workshop Contents and Schedule

Day 1

- Sustainable national animal health information systems
- Demonstration of a fully integrated, user-focused national system
- Lessons learned from the iSIKHNAS experience in Indonesia
- The ideal national animal health information system

Day 2

- Regional information systems—purpose and requirements
- History of regional information systems—what works and what doesn't?
- A global animal health information system—WAHIS+

Day 3

- Integrating national, regional and global information systems
- Opportunities to improve animal health information sharing

Instructors:

Jonathan Happold (Ausvet)

Jonathan is a veterinarian and epidemiologist with extensive experience in the private sector, government and international development. During ten years at the Australian Government Department of Agriculture and Water Resources, he worked in biosecurity risk analysis, technical negotiations on international market access and a variety of policies and programs relating to animal health and trade. He has worked closely with the national governments of several countries including Indonesia, Papua New Guinea, New Caledonia and Chile. He was based in Jakarta for four years (2011–2015) as Principal Veterinary Adviser and Team Leader of the Australia Indonesia Partnership for Emerging Infectious Diseases.

Edwina Leslie (Ausvet)

Edwina is a veterinary epidemiologist with extensive experience working in Southeast Asia. She has a keen interest in international development, which led her to complete a PhD investigating classical swine fever and pig movements around eastern Indonesia. Her recent work has involved a variety of projects including disease surveillance in terrestrial and aquatic animals, improving smallholder cattle production in Indonesia, and livestock welfare. In addition to her veterinary studies, she also has a background in animal bioscience.

Catriona Mackenzie (Ausvet)

Catriona is a surveillance sociologist and specialised in international development. Her recent projects have included understanding surveillance stakeholder needs and motivations to design a user-focused surveillance system during the development of iSIKHNAS in Indonesia; analysing sociological issues surrounding surveillance data sharing in Canada; participating in surveillance training for the veterinary services of 45 African countries; and analysing the political, historical, social, tribal and environmental aspects of disease surveillance and eradication programs in Namibia.

Ben Madin (Ausvet)

Ben has extensive experience in disease investigation and control programs, and the development of information systems. Ben has been involved in government-led surveillance work in several Australian jurisdictions and in the United Kingdom. A growing interest in delivering high availability systems at affordable prices for the global livestock industries has led Ben to investigate and implement a number of cloud-based data systems. He is now an Amazon Web Services Certified Solutions Architect.

Anne Meyer (Ausvet)

Anne is an epidemiologist with extensive international experience and advanced skills in data management, analysis and visualisation. She has worked on epidemiological projects in terrestrial and aquatic animals in Africa, Asia, North and South America, Australia and Europe. Anne's work has included such diverse areas as working on primate conservation in Gabon, rural cattle surveillance systems in South Africa and aquatic animal disease surveillance program assessments in Canada.

Ronello Abila (OIE Regional office, Bangkok)

Ronel is the OIE Sub-Regional Representative for South-East Asia, based in Bangkok. In addition to a wide range of disease control and development projects, he oversees the Southeast Asia and China Foot and Mouth Disease (SEACFMD) Campaign. SEACFMD has been globally recognised as a model in the regional control of a priority transboundary animal disease. Ronel has also been responsible for supporting the ASEAN Regional Animal Health Information System (ARAHIS).

Representative of the Indonesian Directorate General of Livestock and Animal Health Services (to be confirmed)